Publications, Reports and Abstracts

1952 through December 1998

This bibliography contains a list of the reports, publications and abstracts (after 1992) that have been produced as a result of program funding provided by the Department of Energy-Savannah River Operations Office, the USDA Forest Service Southern Research Station and predecessors, State and Private Forestry, and cooperating universities and agencies. Each entry includes a citation followed by a three to five character code identifying the program under which the research was initiated or was tracked. The list below provides a brief description of each code.

BDR............... Biodiversity Research. This program was initiated in 1989 and is on-going. The primary emphasis is to expand information on biodiversity and conservation biology questions at the SRS as they relate to alternative land use activities. The information currently supports NEPA documentation.

CUCR............ Clemson University Cooperative Research, 1962-1969. This program was initiated under contract with Clemson University and focused on forest management problems at SRS during those years.

ERDA............ Energy Research and Development Program, 1977-1981. This program represents the Lightwood Research through the Energy Research and Development Administration. This program was designed to develop biofuels energy from paraquat-induced resin formation in pines.

FOPR............. Forest Operations Research, 1992-Present. This program is on-going and is designed to support operations needs, such as smoke management, pesticide use, forest insect and disease control, pine straw raking, reforestation, inventory and economic analysis. It also includes studies previously under SFMB, SFMC, and SFME, and graduate student projects from 1975 - 1983.

FSMRP.......... Forest Service Management Reports and Publications, 1952-Present. This program includes any documents produced by the management staff that are not tied to specific programs. It includes fact sheets, reports, plans, and general articles.

NERP............ National Environmental Research Park program, 1973-Present. This program is on-going and includes studies that were initiated during the 1970s as part of the NERP initiative as well as current studies that are conducted at SRS by investigators without DOE funding, other than in-kind assistance.

PBRR............ Pen Branch Restoration and Wetlands Research, 1991-Present. This program was initiated in 1991 to support the Mitigation Action Plan for the restoration of Pen Branch. In 1996, the wetlands research projects under the biodiversity program and the research support for the Carolina Bay Restoration and Banking effort were merged into Wetlands Research as the restoration of Pen Branch was completed.

RCWR........... Red-cockaded Woodpecker Recovery Research, 1984-Present. This program was initiated in 1984 with the transfer of recovery and management responsibilities to the Forest Service. It is an on-going program designed to support recovery technologies and forest management strategies associated with Endangered Species Act compliance.

SFMA........... Studies in Support of Forest Management - Borrow Pits, 1975-1989. The programs (SFMA, B, C, D, E, F) include research supported from a variety of funding sources over a period of approximately ten years. It was aimed at specific problems such as borrow pits, pine regeneration, etc. Although no direct funding is provided, some studies continue to be monitored by the Southern Research Station scientists. Some work is maintained under FOPR and SRWC.

SFMB........... Studies in Support of Forest Management - Pine Regeneration, 1975-1989. This program element focused on pine seedling quality, particularly root quality and mycorrhizae.

SFMC........... Studies in Support of Forest Management - Hardwood Regeneration, 1975-1989. This program element focused on hardwood establishment and growth problems.

SFMD........... Studies in Support of Forest Management - Phosphorous Metabolism, 1975-1989. This program element included physiological studies of phosphorous metabolism dealing with deficiencies and the role of mycorrhizae in stimulating growth.

SFME........... Studies in Support of Forest Management - Fusiform Disease Resistance, 1975-1989. This program element involved studies, largely genetic tests, of fusiform rust incidence in loblolly pine families and sources.

SFMF............ Studies in Support of Forest Management - Soil Productivity, 1975-1989. This program element involved studies using nitrogen fixing cover crops, domestic sewage sludges, and site preparation activities.

SHCR............ Sandhills Cooperative Research, 1952-1959. This series of studies dealt largely with reforestation problems during the first years of the operational reforestation program. It resulted in new technologies and standards for seedling quality.

SRWC............ Short Rotation Woody Crops, 1993-Present. This program was initiated in 1993 to complete older productivity studies, and selected environmnetal research that would establish a role for biomass research at the SRS in support of the national DOE effort. That research lead to the development of the SRWC Operations Research Cooperative.

Following the program emphasis code there is a numeric filing code that is used to organize the documents. The documents are organized by calendar year of publication, so that the first two digits of the filing code represent the year of publication. Following the dash there is a one or two digit number that is assigned to each document within the year. After the last dash, a capital letter is a code for the type of document. The letter key is as follows:

A.....Abstract

P.....Publication

R.....Report

For example, 95-78-R would be a report produced in calendar year 1995, and it would be document number 78 in the 1995 year file. Not all of the older documents are available. If the document is not on file at the Savannah River Institute there will be an asterisk following the letter code. (For example, 78-12-P*).

This bibliography is sorted by program, author(s) and year. Click on highlighted project name or project code letters to
jump from the beginning to the respective program emphasis area or back to the beginning.

Hard copies of the documents are available at the Savannah River Institute, and can be sent upon request if they are otherwise not accessible in institutional libraries. The Savannah River Ecology Laboratory Library and the Savannah River Technology Center, Environmental Division maintain a set that is available for local use only.

Listing by PROGRAM, AUTHOR(s) and YEAR

Biodiversity Research

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